

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	21127	triac	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/09 08:45
S1	18502	triac	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/31 16:38
S2	46043	triac TRIode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/31 16:38
S3	5695	(triac TRIode) with load	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/31 16:39
S4	6427	(triac TRIode) with load	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/31 16:39
S5	102	(triac TRIode) with load same (Measure measured measuring sensing sensor sensed detect detected detector detecting determine determined determining ) with gate with voltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/31 16:40

S6	84	(triac TRIode) with load same (Measure measured measuring sensing sensor sensed detect detected detector detecting determine determined determining ) with gate with voltage and power	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/31 16:55
S7	33	(triac TRIode) with load same (Measure measured measuring sensing sensor sensed detect detected detector detecting determine determined determining ) with gate with voltage and power and (CPU computer microcomputer processor microprocessor microcontroller controller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/31 16:55
S8	9	(triac TRIode) with load same (Measure measured measuring sensing sensor sensed detect detected detector detecting determine determined determining ) with gate with voltage and power and (CPU computer microcomputer processor microprocessor microcontroller controller) and zero and feed	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/31 16:55
S9	16	("4860149").PN. OR ("5892391").URFN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/01/31 17:35
S10	8974	(triac TRIode scr) with load	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/31 17:37

S11	674	(trial node scr) with load same gate near3 voltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/31 17:37
S12	230	(trial node scr) with load same gate near3 voltage same (Measure measured measuring sensing sensor sensed detect detected detector detecting determine determined determining )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/31 17:37
S13	63	(trial node scr) with load same gate near3 voltage same (Measure measured measuring sensing sensor sensed detect detected detector detecting determine determined determining ) and (CPU computer microcomputer processor microprocessor microcontroller controller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/31 17:38
S14	0	(trial node scr) with load same gate near3 voltage same (Measure measured measuring sensing sensor sensed detect detected detector detecting determine determined determining ) and (CPU computer microcomputer processor microprocessor microcontroller controller) and feed near3 network	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/31 17:38

S15	1	(triac TRIode scr) with load same gate near3 voltage same (Measure measured measuring sensing sensor sensed detect detected detector detecting determine determined determining )and (CPU computer microcomputer processor microprocessor microcontroller controller) and feed near3 network	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/31 17:38
S16	1	"327"/\$.cols. and (triac TRIode scr) with load same gate near3 voltage same (Measure measured measuring sensing sensor sensed detect detected detector detecting determine determined determining )and (CPU computer microcomputer processor microprocessor microcontroller controller) and feed near3 network	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/31 17:41
S17	7	"5734289"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/31 17:42
S18	13	"5734289" "5629571"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/31 17:44
S19	2313	triac .ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/01/31 18:36

S20	7888	triac and control\$4 .ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/31 18:36
S21	1463	(triac and control\$4) . ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/31 18:36
S22	9	S21 and (triac TRIode) with load same (Measure measured measuring sensing sensor sensed detect detected detector detecting determine determined determining ) with gate with voltage	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/31 18:37
S23	7	S21 and (triac TRIode) with load same (Measure measured measuring sensing sensor sensed detect detected detector detecting determine determined determining ) with gate with voltage and current	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/31 18:44
S24	13	S21 and load and (Measure measured measuring sensing sensor sensed detect detected detector detecting determine determined determining ) with gate with voltage and current	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/31 18:44

S25	11	S21 and load and (Measure measured measuring sensing sensor sensed detect detected detector detecting determine determined determining ) with gate with voltage and current and zero	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/01/31 18:44
S26	3658	triac and current with sens\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/02 09:15
S27	4132	triac and current with sens\$3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 09:15
S28	578	triac and current with sens\$3 and digital and analog and gate and pulse	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 09:16
S29	507	triac and current with sens\$3 and digital and analog and gate and pulse and zero	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 09:17
S30	501	triac and current with sens\$3 and digital and analog and gate and pulse and zero and power	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 09:18
S31	466	triac and current with sens\$3 and digital and analog and gate and pulse and zero and power and compar\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 09:19

S32	448	triac and current with sens\$3 and digital and analog and gate and pulse and zero and power and compar\$4 and resist\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 09:20
S33	1	S32 and (triac TRIode) with load same (Measure measured measuring sensing sensor sensed detect detected detector detecting determine determined determining ) with gate with voltage and power	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 09:30
S34	61	S32 and (Measure measured measuring sensing sensor sensed detect detected detector detecting determine determined determining ) with gate with voltage and power	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 09:31
S35	2	"20010028239"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 10:00
S36	2	"20010028239" and current	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 10:01
S37	0	"20010028239" and current adj sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 10:01

S38	1	"20010028239" and current near3 (Measure measured measuring sensing sensor sensed detect detected detector detecting determine determined determining )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 10:01
S39	16	"5892391" and current near3 (Measure measured measuring sensing sensor sensed detect detected detector detecting determine determined determining )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/02 10:11
S40	18	("3990000"   "4009091"   "4740883"   "4800330"   "4968927"   "5239252"   "5614811"   "5818707"   "5892391").PN. OR ("5994883").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/02 11:01
S41	2242	triac same current with (Measure measured measuring sensing sensor sensed detect detected detector detecting determine determined determining )	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/13 09:59
S42	9	triac same current with (Measure measured measuring sensing sensor sensed detect detected detector detecting determine determined determining ) same equation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/13 10:00



S43	5	triac same current with (Measure measured measuring sensing sensor sensed detect detected detector detecting determine determined determining ) same equation same (threshold\$2 limit\$3 boundar\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/13 10:00
S44	0	triac and kxi	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/13 10:07
S45	471	(triac and current).ti.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/13 10:07
S46	0	S45 and equation	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/13 10:08
S47	4	S45 and converter same (digital analog)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/13 10:08
S48	7	"602444"	USPAT	OR	OFF	2009/02/13 12:14
S49	21	"602444"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/13 12:14
S50	0	"602444" and triac	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/13 12:14

S51	1	"602444" and threshold	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/13 12:14
S52	2535	triac and (voltage resistive) with divider	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/13 13:33
S53	723	triac same (voltage resistive) with divider	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/13 13:33
S54	118	triac same (voltage resistive) with divider same comparator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/13 13:33
S55	17	triac same ( resistive) with divider same comparator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/13 13:35
S56	7	triac same (resistive) with divider same comparator same gate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/13 15:31
S57	24	(triac and current).ii. and comparator	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/02/13 15:49

**EAST Search History (Interference)**

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